

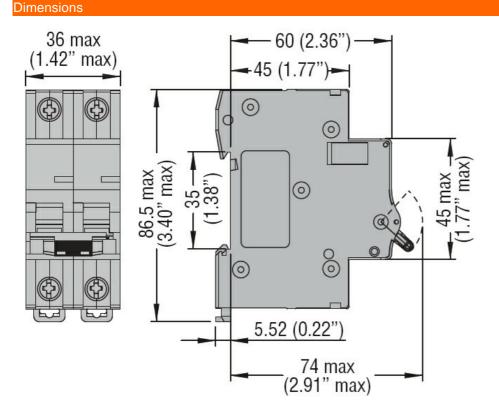


Product designation Minitary calculation beaker (MCR) breaker (MCR) Product type designation 1 P1 MB Number of poles 2 P Number of DIN modules 1 EC / UL1077 Compliance IEC / UL1077 Electrical teatures V 440 Rated insulation voltage UI EC/EN V 200400 Rated operational voltage AC (IEC) VAC 230400 Rated operational voltage BC VDC 125 Rated derequency LA 1 Rated frequency KA 1 Rated prevailing (IEC) KA 1 Electrical life cycles 10000 Power dissipation per pole max max "C 40 Ambient conditions min "C 40 Mechanical features min "C 40 Operating position min				
Product type designation	Product designation			
Number of poles 2P Number of DIN modules 2 Compliance IEC / UL 1077 Electrical features IEC / UL 1077 Rated insulation voltage Ui IEC/EN V 440 Rated insulation voltage Uimp kV 4 Rated operational voltage DC VDC 230/400 Rated operational voltage DC VDC 125 Rated frequency HA 1 Rated current (In) A 1 Tripping curve KA 10 Short circui trating (IEC) KA 10 Electrical life cycles 10000 Power dissipation per pole max W 10 Ambient conditions W 10 Operating temperature min *C 40 Max altitude m 2000 Mechanical features min *C 40 Operating position min Nm 1 2 Fixing somm DIN rail 1 2 35mm DIN rail	-			
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Rated operational voltage DC VDC 125 Rated frequency Hz 50/60 Rated current (In) A 1 Tripping curve B 1 Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Power dissipation per pole max W 1.07 Ambient conditions Operating temperature min °C -40 max °C +70 Storage temperature Max altitude min °C -40 Mechanical features min °C -40 Operating position min normal Vertical plan Fixing 35mm DIN rail Tightening torque for terminals min Nm 1.8 max Nm 2 pix 2 2 Conductor section min mm nm 2 AWG/Kcmil min min min min </td <td></td> <td></td> <td></td> <td></td>				
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Power dissipation per pole max W 1.07 Ambient conditions Operating temperature min °C -40 max °C +70 Storage temperature min °C -40 max °C +80 Max altitude m 2000 Mechanical features Operating position Fixing normal Vertical plan Tightening torque for terminals min Nm 1.8 max Nm 2 max Nm 1bin 17.7 2 min 1bin 16 max 1bin 17.7 Terminals tool pz 2 Conductor section IEC min mm mm 2 1 max mm 35 max 1 max mm 35	<u> </u>			
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Max O	Operating temperature		00	40
Storage temperature min max °C max -40 max °C max +80 max Moderation				
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Max altitude max °C +80 Mechanical features Vertical plan Mechanical features Vertical plan Mechanical features Mechanical features Mechanical features Vertical plan Mechanical features Mechanical features Nmm 1.8 Mechanical features Nmm 2 Mechanical features Mechanical features Nmm 1.8 Mechanical features	Storage temperature		0.0	40
Max altitude m 2000 Mechanical features Operating position Fixing 35mm DIN rail Tightening torque for terminals min Nm 1.8 min Ibin 1.8 Terminals tool Pz 2 Conductor section IEC min mm² 1 AWG/Kcmil min min 14 Mechanical life cycles 20000 Weight g 230				
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Max Nm 2 min lbin 16 max lbin 17.7	Tightening torque for terminals			
Mechanical life min max lbin 16 max lbin 17.7				
Terminals tool				
Terminals tool Pz 2				
Conductor section IEC	-	max	IDIN	
IEC				Pz 2
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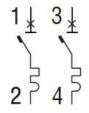


ENERGY AND AUTOMATION

Pollution degree		2
Grid distance as per Annex H.1 of IEC/EN60898-1 standard	mm	60



Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n°235. UR "UL Recognized" per Canada e USA.

IEC/EN 60898-1 IEC/EN 60947-2

UL 1077

Certifications

cURus

EAC

TÜV-Rheinland

ETIM classification

ETIM 8.0

EC000042 -Miniature circuit breaker (MCB)